



Puzzle Solutions

The following pages contain spoiler information on how to solve each Puzzle.

Puzzle 1

② Comrade,

I DO NOT KNOW THE
IDENTITY OF THAT WHICH
YOU SEEK BUT MY SOURCES
ASSURE ME THAT THE
ANSWER MAY LIE IN THE

① TITLE OF A 1937 FILM
DIRECTED BY LITVAK.

GOOD LUCK IN YOUR
HUNT!

Q: What is the appropriate title
being referenced?

A: Tovarich (2 points)

- ① Litvak directed two films in 1937:
“Tovarich” and “The Woman I Love”
- ② “Tovarich” means “Comrade” in
Russian

5 x 7 ¹/₈” notepad shredded into
approximately 224 chads

Puzzle 2

THIS DOESN'T MAKE SENSE!

Julius Caesar ? ①

Despite being captured by 10 pirates, Caesar brought 23 changes to Rome before being awarded with the title Consul. A master of war, he captured the 8 Gallic tribes and fully documented his 24 exploits in a book titled "Commentarii de Bello Gallico." In this novel he describes the creation of the first encryption method used to protect correspondence. After the creation of the First Triumvirate in 18 BC, he was awarded the role of dictator for life, started 21 civil wars, and was murdered by as many friends as enemies. ②

ENCRYPTED?

#'s = LETTERS!

STREAM CIPHER!

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1	2	3	4	5	6	7	8	9	⑩	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
17	18	19	20	21	22	②③	1	2	3	4	5	6	7	⑧	1	2	3	4	5	6	7	8	9	10	11	etc

Q: What is the deciphered message?

A: JGOMEZ (4 points)

- ① A series of numbers appears throughout the document in the following order (10, 23, 8, 24, 18, 21)
- ② The stream cipher decryption method with an indication of the first three letters of the answer

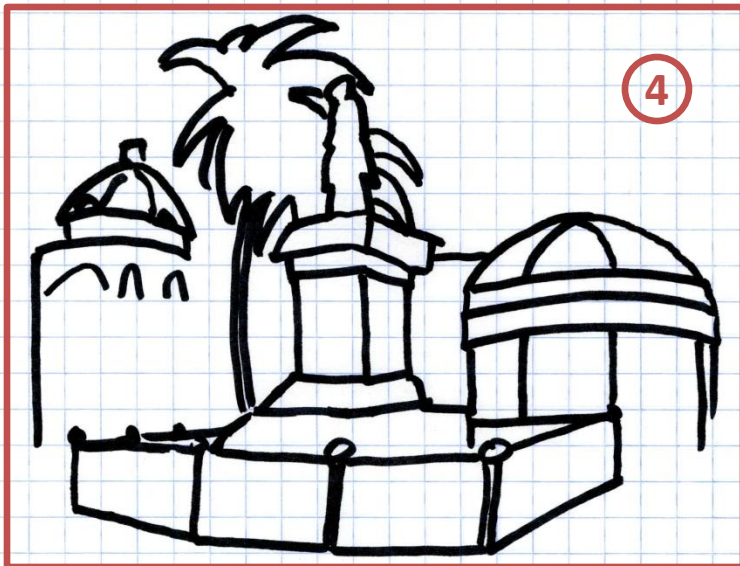
Hints: underlined numbers; notes in the margin; nonsensical context; coffee stain for fun

8 x 10 1/2" ruled paper shredded into approximately 373 chads

Puzzle 3

N 23° 07' 55"
W 82° 21' 51"
224.7 Km
118.7° T

N 25° 03' 37"
W 77° 20' 05"
453.2 Km
225.2° T



Q: What is the indicated location?

A: Cienfuegos (6 points)

A: Cuba (2 points)

① Coordinates for Havana, Cuba with range/bearing to answer

② Coordinates for Nassau, Bahamas with range/bearing to answer

③ Outline of Cuba

④ Sketch of park located in the town



Hints: multiple ways to solve/confirm

6 x 8 1/2" quad-ruled paper shredded into approximately 1,115 chads

Puzzle 4

My time on this assignment is coming to a close. After many years, it is you who must pick up the flag and carry our cause forward. Some of you must act now! ^{together} So the vision does not falter. I have left several ^{ghosts} projects in progress, but be like ~~invisible~~ spirits, at first, if you must. Others of you may play a smaller role, only completing a few projects. Some of you may bring a more ~~ARTISTIC FLARE~~ ^{minimalistic} quality to our work, but never stray too far from the original intent. But remember the correct path is not always black or white. I may return briefly, from time to time, but ultimately the future of this endeavor is in your hands.

1

Duck

Bob C

George

DAVE

PRESENT AND

PK

Q: What are the names and/or initials of the collaborators?

A: Duck, Bob C, George, DAVE, PK
(1, 3, 5, 8 or 12 points awarded based on number of answers given)

1 Five names and/or initials written next to edits throughout the document

Hints: different color ink, handwriting, and orientation from rest of document

8 x 10 ^{1/4}" unlined paper shredded into approximately 2,340 chads

Puzzle 5

	Chronological Compilation of Gray Team A and B Surveillance Logs
TEAM A	10:57 AM: Subject X, male, approx 35 years old, medium build, about 5'10", wearing dark colored suit and hat, departed 2800 block of Wisconsin Ave. NW heading east on Edmunds Avenue on foot. Subject turned north on 34 th Place NW, walked 2 blocks before heading through an alley toward an official looking building. A larger unknown individual, similarly dressed, exits building heading toward Subject X. Subject X and Unknown individual talk briefly before entering the building together.
TEAM B	10:08 AM: Individual (Subject Y), male, med build, approximately 5'10", wearing a white suit and hat, observed monitoring subject X departing from 2800 block of Wisconsin Ave. Subject Y follows at a discreet distance, approximately 10 meters behind Subject X. Subject Y enters building across the street from building Subject X entered.
TEAM A	12:23 PM: Subject X, now wearing glasses and a fake mustache, departed the building carrying a small bag and walked south on Filton St, crossing through Woodland-Normanshire Terrace Park.
TEAM B	12:34 PM: Subject Y departs building, resuming his tail of Subject X. Subject Y enters Woodland-Normanshire Terrace Park. Subject Y stops in concealed position approximately 25m away from Subject X.
TEAM A	12:37 PM: Visual contact with Subject X lost. Moving to reacquire.
TEAM B	12:49 PM: Subject X appears to be sending a message with his cell phone. Subject Y pulls out small device, points it at Subject X and presses a button. Subject X appears agitated, shakes phone, looks around and then departs the park toward the southeast. Subject Y follows in trail.
TEAM A	12:51 PM: Intercepted the following transmission emanating from the target. dah-dah-dah/dah-dah/dah/dah-dah-dah/dah-dah-dah/dah-dah-dah/dah-dah-dah

TEAM A	12:57 PM: Subject X reacquired on foot.	no takes a seat inside a cafe near District Surge into phone.
TEAM A	1:03 PM: Subject X pulled up behind back the red line south 4 steps to Metro Center, entered, placed green line heading north.	
TEAM B	1:06 PM: Subject Y continues to follow Subject X entering the Woodly Park Zoo Metro Station and entering the car behind Subject X. Subject Y took the Red line south 4 steps to Metro Center, exited and took Green Line heading north.	
TEAM A	1:42 PM: Subject Y removes scarf from newspaper, places glasses, mustache, folded newspaper before dropping newspaper and exiting after 3 steps on U Street Metro. Subject X left U Street station and proceeded east for 3 blocks when he stopped at a bar on the corner of Dine 14 th . Subject X sat at bar constantly manipulating a hand held device.	
TEAM B	1:47 PM: Subject Y notes device change by Subject X but continues to follow. Subject Y exits after 3 steps on U Street Metro. Subject Y left District station and proceeded east for 3 blocks and stopped at a cafe on the corner of U Street 14 th St across street from Subject X. Subject Y removes same device from his pocket and appears to press a button.	
TEAM A	2:27 PM: Subject X leaves bar and enters a small building.	
TEAM A	2:31 PM: Subject X departs bar and proceeds west on U Street turning S on New Hampshire Ave NW. Subject X appears to be agitated and constantly looking at his phone as if he is attempting to gain a signal.	
TEAM B	2:53 PM: Subject Y returns down to his pocket, departs cafe, and proceeds west on U Street turning S on New Hampshire Ave NW, continuing to follow Subject X.	

Q: What are the three translated message fragments?

A: gned"b (8 points)

A: yproh (8 points)

A: ias"si (8 points)

① One Morse code message fragment appears on each page as dits and dahs

Hints: second page shredded opposite direction of the other two

3 - 8 ¹/₈ x 10 ¹/₄" lined paper shredded into more than 6,000 chads